1	Claim 1. A method for implementing a segmentation addressing
2	operation comprising the steps of:
3	providing a first logical address and a segment,
4	deriving a linear address from the logical address and the segment in a
5	first discrete sub-step in which the properties of a logical address are
6	checked to determine whether those properties are consistent with the
7	criteria for addressing the segment, and
8	performing a base add operation to determine the linear address in a
9	second discrete sub-step.
	Claim 2. A method for implementing a segmentation operation
5 2	comprising the steps of:
13	providing a first segment selector for deriving a linear address of a
<u> </u>	segment descriptor in a first descriptor table,
15 4 5 5 6	providing a second segment selector for deriving a linear address of a
6	segment descriptor in a second descriptor table,
7	attempting an access of the first descriptor table to derive a segment
8	descriptor,
9	attempting an access of the second descriptor table to derive a segment
10	descriptor if the access of the first descriptor table fails, and
11	storing a derived segment descriptor from a successful attempted access

in a descriptor register.

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- 1 Claim 3. A method as claimed in Claim 2 in which any attempt to
- 2 access is divided into discrete sub-steps comprising:
- 3 checking properties of a logical address to determine whether those
- 4 properties are consistent with the criteria for addressing a first descriptor
- 5 table in a first discrete sub-step of deriving a linear address, and
- 6 performing a base add operation to determine the linear address as a
- 7 second discrete sub-step of deriving a linear address.

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